

PN: 8-13-14
Approved by OMB
(30 days) 3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:

Renewal of 180-Day Special Temporary Authority to Operate Call Sign E020248 with, and Provide TT&C for, EchoStar 3 at 61.8 W.
L.

1. Applicant

Name: EchoStar Broadcasting Corporation Phone Number: 202-293-0981
DBA Name: Fax Number:
Street: 100 Inverness Terrace East E-Mail:
City: Englewood State: CO
Country: USA Zipcode: 80112
Attention:

180 days Extension "with conditions"

File # SES-STA-20140728-00624

Call Sign E020248 Term Dates 09/15/2014
(or other identifier)

From 09/15/2014 To: 03/14/2015

Approved: Paul E. [Signature]



Applicant: EchoStar Broadcasting Corporation
Call Sign: E020248
File No.: SES-STA-20140728-00624
Special Temporary Authority (STA)

EchoStar Broadcasting Corporation is granted extension of a previously granted STA under FCC IBFS File No. SES-STA-20140106-00009, under the following conditions, for 180 days to use its earth station, Call Sign E020248, to perform command and range test of emergency TT&C operations with EchoStar 3 (S2741) satellite at orbital location 61.8° W.L using frequencies: 17301.5 MHz (command), 12201.0 MHz, 12203.0 MHz, and 12699.0 MHz (telemetry).

All operations shall be on an unprotected and non-harmful interference basis, EchoStar Broadcasting Corporation, E020248, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.

180 days extension "with conditions"



File # SES-STA-20140728-00624

Call Sign E020248 09/15/2014
(or other identifier)

Term Dates
From 09/15/2014 To: 03/14/2015

Approved: Paul E. Khan

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554**

In the Matter of)

ECHOSTAR BROADCASTING CORPORATION)

Applications for Renewal of Special
Temporary Authority to Operate Two
Transmit/Receive Earth Stations with
EchoStar 3 at 61.8° W.L.)

) File No. SES-STA-20140106-00010

) File No. SES-STA-2014 ____ - ____

) Call Sign E010242

) File No. SES-STA-20140106-00009

) File No. SES-STA-2014 ____ - ____

) Call Sign E020248

**APPLICATIONS FOR RENEWAL OF
SPECIAL TEMPORARY AUTHORITY**

By these Applications, and pursuant to Section 25.120(b)(2) of the Commission's rules,¹ EchoStar Broadcasting Corporation (together with its affiliates, "EchoStar") requests renewal of its special temporary authority ("STA") to operate two transmit/receive earth stations (Call Signs E010242 and E020248) to provide only telemetry, tracking, and control ("TT&C") for the EchoStar 3 satellite at 61.8° W.L. for 180 days. Specifically, EchoStar requests continued authority to conduct TT&C over the following frequencies: 17301.5 MHz (command); and 12201.0 MHz, 12203.0 MHz, and 12699.0 MHz (telemetry). The current STAs for each of the earth stations to provide TT&C for EchoStar 3 at 61.8° W.L. expire on September 20, 2014.²

EchoStar launched the EchoStar 16 satellite in November 2012 to provide additional capacity for its customer, DISH Network L.L.C., at the nominal 61.5° W.L. orbital location. In anticipation of the arrival of EchoStar 16 at 61.5° W.L., and to provide adequate station-keeping

¹ See 47 C.F.R. § 25.120(b)(2).

² See Stamp Grant, File Nos. SES-STA-20140106-00010, Call Sign E010242 (granted Mar. 14 2014); SES-STA-20140106-00009, Call Sign E020248 (granted Mar. 14, 2014).

margins for all the satellites in the 61.5° W.L. orbital cluster,³ EchoStar repositioned EchoStar 3 to 61.8° W.L. in early 2012.⁴ Operating at 61.8° W.L. as an in-orbit spare, EchoStar 3 remains in close proximity to the 61.5° W.L. nominal orbital location and available, if needed, for repositioning within the orbital cluster to provide service. Accordingly, grant of the requested STAs is in the public interest.

I. THIS REQUEST IS IN THE PUBLIC INTEREST AND WILL NOT CAUSE HARMFUL INTERFERENCE

The requested STAs are in the public interest for the same reason EchoStar was initially granted STA to operate these earth stations with EchoStar 3 at 61.8° W.L.⁵ Grant of this application will ensure continued safe station-keeping margins for each of the satellites that are located at the nominal 61.5° W.L. orbital location. Moreover, grant of this application will not cause harmful interference because EchoStar will conduct TT&C operations with EchoStar 3 at 61.8° W.L. in accordance with the conditions imposed on the original STA grant.⁶

II. WAIVER PURSUANT TO SECTION 304 OF THE ACT

In accordance with Section 304 of the Communications Act of 1934, as amended, 47 U.S.C. § 304, EchoStar hereby waives any claim to the use of any particular frequency or use of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise.

³ EchoStar 3 has been operating at 61.8° W.L. while EchoStar 12 has been operating at 61.35° W.L. and EchoStar 16 at 61.5° W.L.

⁴ Stamp Grant, File No. SAT-STA-20120424-00073, Call Sign S2741 (granted Apr. 30, 2012).

⁵ See Stamp Grant, File Nos. SES-STA-20120424-00384, Call Sign E010242 (granted May 1, 2012); SES-STA-20120424-00386, Call Sign E020248 (granted May 1, 2012).

⁶ See Stamp Grant, File Nos. SES-STA-20120424-00384, Call Sign E010242 (granted May 1, 2012); SES-STA-20120424-00386, Call Sign E020248 (granted May 1, 2012).

2. Contact

Name: Jennifer A. Manner **Phone Number:** 301-428-5893
Company: EchoStar Corporation **Fax Number:** 301-428-2818
Street: 11717 Exploration Lane **E-Mail:** jennifer.manner@echostar.com
City: Washington **State:** DC
Country: USA **Zipcode:** 20876
Attention: Jennifer A. Manner **Relationship:** Same

(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)

3. Reference File Number SESSTA2014010600009 or Submission ID

4a. Is a fee submitted with this application?

If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).

Governmental Entity Noncommercial educational licensee

Other (please explain):

4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

Use Prior to Grant

Change Station Location

Other

6. Requested Use Prior Date

7. CityBlackhawk

8. Latitude

(dd mm ss.s h) 44 11 14.2 N

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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

12. Description

EchoStar Broadcasting Corporation requests renewal of its 180-day Special Temporary Authority to operate its transmit/receive earth station, Call Sign E020248, to provide TT&C for the EchoStar 3 satellite, Call Sign S2741, at 61.8 W.L. Specifically, EchoStar requests continued authority to conduct TT&C over the following frequencies - 17301.5 MHz (command), and 12201.0 MHz, 12203.0 MHz, and 12699.0 MHz (telemetry). See attached narrative.